



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

SUBJECT: Product Chemistry Review of **Zappit ES**

DP Barcode: **D285369**

Reg. No. or File Symbol: **748-294**

Manufacturing-use [ ]

End-use Product [X]

Active Ingredient Composition:

**Calcium hypochlorite**.....73%

TO: Robert Brennis PM 32

FROM: Alex Traska, Chemist *RT 11/7/02*  
Product Science Branch, CT Team  
Antimicrobials Division (7510C)

THRU: Karen P. Hicks, CT Team Leader  
Product Science Branch  
Antimicrobials Division (7510C) *KPH 11/8/02*

THRU: Michele E. Wingfield, Chief  
Product Science Branch  
Antimicrobials Division (7510 C)

BACKGROUND:

This re-submission, for the subject pool water, wastewater and drinking water disinfectant, was submitted by the registrant, PPG Industries, Inc.

The registrant, in this re-submission, has addressed comments made in the July 8, 2002 Agency letter which dealt with an amendment to add an Alternate Formulation. The proposed Alternate Formulation would utilize [REDACTED]

[REDACTED] under this registration.

The following documents were submitted and examined in the review of this submission: registrant's cover letter dated August 26, 2002 and October 16, 2002, pesticide applications dated 8/26/02 and 10/16/02, Basic Formulation CSF dated 8/26/02, proposed Alternate Formulation CSF 8/26/02, Agency letters dated October 10, 2001 and July 8, 2002, product label dated October 10, 2001 and an up-dated revised product label dated 10/22/02.

#### FINDINGS:

1. As requested, the term "impurity" is now used in place of "inert" in item 15 of the Basic and Alternate CSF dated 8/26/02.
2. [REDACTED] has now been identified in item 15 as a [REDACTED]  
[REDACTED]
3. Since the calcium hypochlorite is made by the integrated system, it is **now preferred** that the CSF be divided into a "pre-reaction" CSF and a "post-reaction" CSF. This format allows for the disclosure of both the starting materials utilized in the reaction and the end-product produced which may contain impurities formed in the reaction or inert ingredients that are intentionally added to the post-reaction product.
4. [REDACTED] is not a GRAS or food-use approved additive. The registrant has therefore deleted the "disinfection of drinking water/ potable water" claim from the product label dated 10/22/02.

#### RECOMMENDATIONS:

This re-submission, in support of the amended registration covering the Alternate Formulation with [REDACTED] under the **Zappit** ES registration, is accepted.

11/07/02 AT